

### **REMARKS**

This case has been carefully reviewed and analyzed in view of the Official Action dated 26 May 2005. Responsive to the rejections made in the Official Action, Claim 1 has been amended to clarify the language thereof and the combination of elements which forms the invention of the subject Patent Application. Additionally, claim 2 has been cancelled by this Amendment.

In the Official Action, the Examiner rejected Claim 1 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. The Examiner indicated that the language of Claim 1 with respect to the mounting of the float on the detection tube was unclear and that the screw hole in the end cap lacked the proper antecedent basis. Accordingly, Claim 1 has been amended to correct the language thereof. It is believed that the claims now particularly point out and distinctly claim the subject matter that Applicant regards as the invention.

In the Official Action, the Examiner rejected Claim 1 under 35 U.S.C. § 103(a), as being unpatentable over Liang, U.S. Patent No. 6,185,994, in view of Liang, U.S. Patent No. 5,718,146. However, the Examiner kindly indicated that Claims 2 and 3 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 1 has been amended to incorporate the subject matter of Claim 2 therein. Thus, Claim 2 has been effectively rewritten in independent form

including all of the limitations of the base claim, Claim 1, and any intervening claims, which there were none. The dependency of Claim 3 has been changed from Claim 2 to Claim 1. Therefore, it is now believed that Claims 1 and 3 are now allowable.

For all the foregoing reasons, it is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

Respectfully submitted,  
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